



487770

fishbeck, thompson, carr & huber / fairbrother  
analytical servicesTRW Industries  
902 Lyons Road  
Portland, MI 48875Date Reported: 10/25/85  
Lab Number: 85C-1787  
Date Received: 10/09/85  
Client ID: 13680/F 85256Attention: Thomas Mallak  
MW #1, 10/8/85  
Note: Dissolved metals.

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	4.0 mg/l	80 mg/l	MSC	---
Cr, total	0.05 mg/l	<0.05 mg/l	MSC	---
Copper	0.02 mg/l	<0.02 mg/l	MSC	---
Iron	0.03 mg/l	0.54 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	MSC	---
pH	---	6.2	JB	---
Spec. Cond.	---	584 uMHOS	JB	---
T.O.C.	5.0 mg/l	<5.0 mg/l	GMB	---
Zinc	0.005 mg/l	0.48 mg/l	MSC	---
Ground Water Elevation	---	699.31	JB	---

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1979.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 44, Number 244, Monday, December 3, 1979, and/or "Test Methods for Evaluating Solid Wastes", U.S.EPA, May, 1980.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

Dr. James M. O'Neal  
Director Analytical Services



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Date Reported: 10/25/85  
Lab Number: 85C-1788  
Date Received: 10/09/85  
Client ID: 13680/ F85256

Attention: Thomas Mallak  
MW #2, 10/8/85  
Note: Dissolved metals.

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	4.0 mg/l	5.2 mg/l	MSC	---
Cr, total	0.05 mg/l	<0.05 mg/l	MSC	---
Copper	0.02 mg/l	<0.02 mg/l	MSC	---
Iron	0.03 mg/l	0.20 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	44 mg/l	MSC	---
pH	---	6.7	JB	---
Spec. Cond.	---	782 uMHOS	JB	---
T.O.C.	5.0 mg/l	<5.0 mg/l	GMB	---
Zinc	0.005 mg/l	<.005 mg/l	MSC	---
Ground Water Elevation	---	697.45	JB	---

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1979.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 44, Number 244, Monday, December 3, 1979, and/or "Test Methods for Evaluating Solid Wastes", U.S.EPA, May, 1980.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

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Portland, MI 48875

Date Reported: 10/25/85  
Lab Number: 85C-1789  
Date Received: 10/09/85  
Client ID: 13680/ F 85256

Attention: Thomas Mallak  
MW #3, 10/8/85  
Note: Dissolved metals.

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	4.0 mg/l	7.7 mg/l	MSC	---
Cr, total	0.05 mg/l	<0.05 mg/l	MSC	---
Copper	0.02 mg/l	<0.02 mg/l	MSC	---
Iron	0.03 mg/l	0.54 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	MSC	---
pH	---	6.7	JB	---
Spec. Cond.	---	588 uMHOS	JB	---
T.O.C.	5.0 mg/l	<5.0 mg/l	GMB	---
Zinc	0.005 mg/l	1.2 mg/l	MSC	---
Ground Water Elevation	---	697.57	JB	---

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1979.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 44, Number 244, Monday, December 3, 1979, and/or "Test Methods for Evaluating Solid Wastes", U.S.EPA, May, 1980.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

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Portland, MI 48875

Date Reported: 10/25/85  
Lab Number: 85C=1790  
Date Received: 10/09/85  
Client ID: 13680/ F 85256

Attention: Thomas Mallak  
MW #4, 10/8/85  
Note: Dissolved metals.

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	4.0 mg/l	4.3 mg/l	MSC	---
Cr, total	0.05 mg/l	<0.05 mg/l	MSC	---
Copper	0.02 mg/l	<0.02 mg/l	MSC	---
Iron	0.03 mg/l	<0.03 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	MSC	---
pH	---	8.5	JB	---
Spec. Cond.	---	271 uMHOS	JB	---
T.O.C.	5.0 mg/l	<5.0 mg/l	GMB	---
Zinc	0.005 mg/l	0.07 mg/l	MSC	---
Ground Water Elevation	---	697.53	JB	---

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1979.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 44, Number 244, Monday, December 3, 1979, and/or "Test Methods for Evaluating Solid Wastes", U.S.EPA, May, 1980.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

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TRW, Inc.  
902 Lyons Road  
Portland, MI 48875

Attention: Tom Mallak  
MW #1, 7/1/86

Date Reported: 07/15/86  
Lab Number: 85C-3597  
Date Received: 07/01/86  
Client ID: 13680/F86202

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	5.0 mg/l	8.0 mg/l	DEC	---
Chromium, T.	0.01 mg/l	<0.01 mg/l	MSC	---
Copper	0.01 mg/l	<0.01 mg/l	MSC	---
Iron	0.02 mg/l	0.25 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	DEC	---
pH	---	7.4	JWB	---
Spec. Cond.	---	620 uMHOS	JWB	---
T.O.C.	1.0 mg/l	1.2 mg/l	DEC	---
Zinc	0.01 mg/l	0.59 mg/l	MSC	---

Note: Dissolved metals.

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1983.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 49, Number 209, Friday, October 26, 1984, and/or "Test Methods for Evaluating Solid Wastes", U.S. EPA, April, 1984.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

*Mary Susan Crosby*  
Mary Susan Crosby  
Chemist



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analytical services

TRW, Inc.  
902 Lyons Road  
Portland, MI 48875

Attention: Tom Mallak  
MW #2, 7/1/86

Date Reported: 07/15/86  
Lab Number: 85C-3598  
Date Received: 07/01/86  
Client ID: 13680/F86202

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	5.0 mg/l	<5.0 mg/l	DEC	---
Chromium, T.	0.01 mg/l	<0.01 mg/l	MSC	---
Copper	0.01 mg/l	<0.01 mg/l	MSC	---
Iron	0.02 mg/l	<0.02 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	DEC	---
pH	---	7.6	JWB	---
Spec. Cond.	---	820 uMHOS	JWB	---
T.O.C.	1.0 mg/l	2.2 mg/l	DEC	---
Zinc	0.01 mg/l	<0.01 mg/l	MSC	---

Note: Dissolved metals.

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1983.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 49, Number 209, Friday, October 26, 1984, and/or "Test Methods for Evaluating Solid Wastes", U.S. EPA, April, 1984.

Above are the results of the analyses requested. If you have any questions regarding these results, please contact us.

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902 Lyons Road  
Portland, MI 48875

Attention: Tom Mallak  
MW #3, 7/1/86

Date Reported: 07/15/86  
Lab Number: 85C-3599  
Date Received: 07/01/86  
Client ID: 13680/F86202

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	5.0 mg/l	<5.0 mg/l	DEC	---
Chromium, T.	0.01 mg/l	<0.01 mg/l	MSC	---
Copper	0.01 mg/l	<0.01 mg/l	MSC	---
Iron	0.02 mg/l	0.28 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	DEC	---
pH	---	7.4	JWB	---
Spec. Cond.	---	620 uMHOS	JWB	---
T.O.C.	1.0 mg/l	1.0 mg/l	DEC	---
Zinc	0.01 mg/l	0.30 mg/l	MSC	---

Note: Dissolved metals.

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1983.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 49, Number 209, Friday, October 26, 1984, and/or "Test Methods for Evaluating Solid Wastes", U.S. EPA, April, 1984.

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902 Lyons Road  
Portland, MI 48875

Date Reported: 07/15/86  
Lab Number: 85C-3600  
Date Received: 07/01/86  
Client ID: 13680/F86202

Attention: Tom Mallak  
MW #4, 7/1/86

<u>Analysis</u>	<u>Detection Limit</u>	<u>Results</u>	<u>Analyst</u>	<u>Reference</u>
C.O.D.	5.0 mg/l	<5.0 mg/l	DEC	---
Chromium, T.	0.01 mg/l	<0.01 mg/l	MSC	---
Copper	0.01 mg/l	<0.01 mg/l	MSC	---
Iron	0.02 mg/l	0.11 mg/l	MSC	---
Nickel	0.02 mg/l	<0.02 mg/l	MSC	---
Oil & Grease	0.5 mg/l	<0.5 mg/l	DEC	---
pH	---	7.4	JWB	---
Spec. Cond.	---	610 uMHOS	JWB	---
T.O.C.	1.0 mg/l	3.7 mg/l	DEC	---
Zinc	0.01 mg/l	0.23 mg/l	MSC	---

Note: Dissolved metals.

Analyses were performed in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985, and/or "EPA Methods for Chemical Analysis of Water and Wastes", March, 1983.

Organic analyses were performed in accordance with procedures described in "Federal Register", Volume 49, Number 209, Friday, October 26, 1984, and/or "Test Methods for Evaluating Solid Wastes", U.S. EPA, April, 1984.

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